

AMENDMENT TO THE CLAIMS

This listing of claims will replace all prior versions of the claims in the application

1. (Cancelled)
2. (New) A graphite fibril material comprising an aggregate of intertwined carbon

fibrils,

said aggregate having an average particle diameter of between 0.1 to 100 μm , and

each of said carbon fibrils being characterized in that

the fibril diameter is between 0.0035 to 0.075 μm ,

the fibril length/fibril diameter ratio is greater than 10,

the (d002) spacing of the carbon hexagonal net (002) plane as determined by the X-ray diffraction method is 3.63 to 3.36 angstroms,

the diffraction angle (2θ) is 25.2 to 26.4 degrees,

the 2θ band half-width is 0.5 to 3.1 degrees,

the ratio of the peak height (I_c) of the bands at 1570 to 1578 cm^{-1} of the Raman scattering spectrum and the peak height (I_a) of the bands at 1341 to 1349 cm^{-1} (I_c/I_a ratio) is greater than 1,

the ratio of the relative presence of C_{1s} and O_{1s} (C_{1s}/O_{1s} ratio) found by X-ray photoelectric spectroscopy is greater than 99/1 and

the metal content as determined by the plasma emission analysis is less than 0.02% and

wherein each of said carbon fibrils have an outside region comprised of continuous multiple layers of carbon atoms of a regular arrangement and a noncontinuous hollow internal core region and in which the layers and the core are arranged concentrically around the cylindrical axis of the fibril.